Cem Mutlu

Software Engineer at Stripe

Software developer with thorough hands-on experince in all levels of development,
including performance, analysis, back-end and front-end development. I am a supportive enthusiastic team member and always exited about new challenges.

- cemmutlu.com
- github.com/cemmutlu
- cem.mutlu@outlook.com
- stackoverflow.com/users/2651417

Experience

Software Engineer
Stripe
Dec 2024 - Present · 2 years
Toronto, Ontario, Canada

• Built scalable, testable and maintainable systems supporting millions of active subscriptions.
• Designed and implemented core components of Stripe's new subscription billing engine, ensuring accurate and flexible recurring payment calculations across diverse use cases.
• Collaborated with cross-functional teams to integrate the new billing engine into existing payment flows, maintaining backward compatibility and high reliability.

Ruby · MongoDB

Software Development Engineer
Amazon
Nov 2020 - Dec 2024 · 4 years and 2 months
Toronto, Ontario, Canada

• Developed and maintained a customized operating system used across Amazon's internal environment to secure customer data during customer service interactions
• Worked on a system that evaluates the security posture of websites accessed through the operating system
• Developed automated systems for tracking, triaging, and patching security vulnerabilities leveraging GenAI
• Built an extension deployment system to streamline rollout and management of internal tools
• Developed and optimized a data pipeline processing 100+ GB/day of telemetry data for analytics and monitoring

Java · Amazon Web Services (AWS) · Python · NoSQL · Elasticsearch · Amazon Bedrock · Amazon Dynamodb · AWS Lambda · AWS CloudFormation

Back End Developer
Hack and Craft
Jan 2020 - Oct 2020 · 10 months
United Kingdom

• Redesigned a large-scale supply chain ERP system, introducing dynamic record grouping and filtering that improved usability and decision-making for complex workflows.
• Collaborated with QA and design teams to refine user experience and ensure reliable, high-quality releases

Entity Framework · Azure · .NET Core · Angular · C# · F# · SQL

Software Development Team Lead

Apsiyon

Sep 2016 - Dec 2019 · 3 years and 4 months

Istanbul, Türkiye

• Led a team of 5 devs to design and deliver Apsis, a new lightweight version of Apsiyon's main property management platform, built from the ground up to serve clients with simpler operational needs.
• Designed and implemented a centralized authentication platform using OAuth2, supporting advanced scenarios such as invitation-based onboarding. Migrated all company projects to the new system, enabling consistent and secure login across products for over 100,000 active users.
• Redesigned and delivered time tracking and payroll modules, enabling accurate employee attendance and payroll processing for enterprise clients.

Entity Framework · ASP.NET MVC · .NET Core · Angular · Redis

Pinnera

Dec 2013 - Sep 2016 · 2 years and 10 months

Istanbul, Türkiye

Lead Software Developer

Jul 2015 - Sep 2016 · a year and 3 months

• Led the development team and offered guidance and mentorship to team members.
• Created a real-time messaging tool that is used in B2B projects, from design to implementation.
• Oversaw the entire development process of multiple small-scale projects from start to finish.

Entity Framework · ASP.NET MVC · C# · WinForms · SQL

Software Developer

Dec 2013 - Jul 2015 · a year and 8 months

• Developed the Pinnera Analyzer, a web-based data mining tool for small and medium-sized enterprises, and implemented advanced algorithms such as Artificial Neural Networks, Genetic Algorithms, Decision Tree Learning, and multiple Clustering Algorithms to enhance its functionality.
• Created a web-based ERP tool for factories, catering to the unique needs of the manufacturing industry.
• Quickly prototyped new features to ensure their practicality and effectiveness before full implementation.

Entity Framework · C# · WinForms · SQL

Education

Istanbul Technical University

Bachelor's Degree, Electronics Engineering

Jan 2009 - Jan 2015